

Title (en)

Improvements in a process for delignifying lignocellulosic pulp by means of oxygen.

Title (de)

Verbesserung des Verfahrens zum Delignifizieren von Lignocellulose-enthaltendem Zellstoff mittels Sauerstoff.

Title (fr)

Amélioration d'un procédé de délignification de pâte lignocellulosique en utilisant de l'oxygène.

Publication

**EP 0524127 A2 19930120 (EN)**

Application

**EP 92500075 A 19920612**

Priority

BR 9102464 A 19910614

Abstract (en)

The present invention refers to an improvement for delignifying a lignocellulosic pulp by means of oxygen wherein ethanol is used as an additive and the process is carried out at high temperature thereby obtaining a higher reduction of lignin content of the lignocellulosic pulp, that is, a higher reduction of the Kappa Number in comparison with conventional processes without, however, prejudicing the pulp quality. The use of the present invention provides a pulp which, when subjected to subsequent bleaching sequences, will require a lower amount of chloro compounds in order to achieve the desired whiteness and will also exhibit a high viscosity thus rendering a product with good resistance properties.

IPC 1-7

**D21C 9/10**; **D21C 9/147**

IPC 8 full level

**D21C 9/10** (2006.01); **D21C 9/147** (2006.01)

CPC (source: EP)

**D21C 9/1005** (2013.01); **D21C 9/1036** (2013.01); **D21C 9/147** (2013.01)

Cited by

CN114908598A; WO2013164234A1; WO9530047A1

Designated contracting state (EPC)

ES PT

DOCDB simple family (publication)

**EP 0524127 A2 19930120**; **EP 0524127 A3 19930203**; **EP 0524127 B1 19960814**; BR 9102464 A 19930112; MX 9202832 A 19930201

DOCDB simple family (application)

**EP 92500075 A 19920612**; BR 9102464 A 19910614; MX 9202832 A 19920612